

Amendments to the Claims:

Please cancel, without prejudice, the non-elected claims 11, 53-59, 76-80, and 82-85. The remaining claims are unchanged from the previous response. This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Cancelled)

2.(Previously Presented) The method of claim 3, wherein said physical relational characteristics include the distances between said two or more speakers.

3.(Previously Presented) A method for modifying the acoustic effect of an array of two or more speakers responsive to a plurality of audio input signals from one or more signal processors, wherein each of said speakers is comprised of one or more acoustic transducers and wherein said two or more speakers are in the same enclosure, the method comprising:

providing one or more parameters of the physical relational characteristics of said speakers with respect to one another in said enclosure; and

using at least one of said parameters to modify said audio input signals.

4-46
~~4-46~~ (Cancelled)

47.(Previously Presented) The method of claim 3, wherein said physical relational characteristics include the azimuthal alignment of said two or more speakers.

48.(Previously Presented) The method of claim 3, wherein said physical relational characteristics include the sizes of said two or more speakers.

49.(Previously Presented) The method of claim 3, wherein said physical relational characteristics include the relative compliance of said two or more speakers.

50.(Previously Presented) The method of claim 3, wherein said physical relational characteristics include the relative compliance of the portions of the enclosure in which said two or more speakers are mounted.

51.(Previously Presented) The method of claim 3, wherein said physical relational characteristics include the relative frequency response exhibited by said two or more speakers.

52.(Previously Presented) The method of claim 3, wherein said physical relational characteristics include the relative phase response exhibited by said two or more speakers.

53-59. (Cancelled)

G 60.(Previously Presented) A method for modifying the acoustic effect of an array of two or more speakers mounted in a single enclosure responsive to a plurality of audio input signals from one or more signal processors, wherein each of said speakers is comprised of one or more acoustic transducers, comprising:

providing one or more parameters of the relational characteristics of said speakers with respect to one another as determined by the mounting of the speakers in the enclosure; and

using at least one of said parameters to modify said audio input signals.

61.(Previously Presented) The method of claim 60, wherein said relational characteristics include the distances between said two or more speakers.

62.(Previously Presented) The method of claim 60, wherein said physical relational characteristics include the azimuthal alignment of said two or more speakers.

63.(Previously Presented) The method of claim 60, wherein said physical relational characteristics include the sizes of said two or more speakers.

64.(Previously Presented) The method of claim 60, wherein said physical relational characteristics include the relative compliance of said two or more speakers.

65.(Previously Presented) The method of claim 60, wherein said physical relational characteristics include the relative compliance of the portions of the enclosure in which said two or more speakers are mounted.

66.(Previously Presented) The method of claim 60, wherein said physical relational characteristics include the relative frequency response exhibited by said two or more speakers.

67.(Previously Presented) The method of claim 60, wherein said physical relational characteristics include the relative phase response exhibited by said two or more speakers.

68.(Previously Presented) A method of producing a sound environment in a listening area from an array of two or more speakers mounted in a shared enclosure, each of said speakers comprised of one or more acoustic transducers and responsive to a respective one of a plurality of audio input signals supplied from one or more signal processors, the method comprising:

receiving a plurality of initial audio signals at said one or more signal processors;

modifying said initial audio signals in said one or more signal processors based on one or more parameters of the physical relational characteristics of said speakers with respect to one another as mounted in the shared enclosure to produce said plurality of audio input signals, wherein at least one of said parameters of the physical relational characteristics of said speakers with respect to one another as mounted in the shared enclosure is predetermined; and

supplying said plurality of audio input signals to said respective speakers.

69.(Previously Presented) The method of claim 68, wherein said predetermined relational parameters include the distances between said two or more speakers.

70.(Previously Presented) The method of claim 68, wherein said predetermined relational parameters include the azimuthal alignment of said two or more speakers.

71.(Previously Presented) The method of claim 68, wherein said predetermined relational parameters include the sizes of said two or more speakers.

72.(Previously Presented) The method of claim 68, wherein said predetermined relational parameters include the relative compliance of said two or more speakers.

G 73.(Previously Presented) The method of claim 68, wherein said predetermined relational parameters include the relative compliance of the portions of the enclosure in which said two or more speakers are mounted.

74.(Previously Presented) The method of claim 68, wherein said predetermined relational parameters include the relative frequency response exhibited by said two or more speakers.

75.(Previously Presented) The method of claim 68, wherein said predetermined relational parameters include the relative phase response exhibited by said two or more speakers.

76-80. (Cancelled)

81.(Previously Presented) A sound reproduction system comprising:
a speaker array comprising two or more speakers responsive to a respective plurality of input signals and mounted in an enclosure to hold said speakers in a specified physical relation with respect to one another; and

one or more signal processors for providing said plurality of speaker input signals comprising:

an audio input circuit to receive a plurality of initial audio signals;

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a processing portion to derive said respective plurality of speaker input signals from said plurality of initial audio signals based on one or more parameters of the specified physical relation of the speakers in the speaker array with respect to one another as held by the enclosure; and

an output circuit coupled to said processing portion to provide said respective plurality of speaker input signals to said speaker array.

82-85. (Cancelled)